

SEQUENCE LISTING

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Spencer, Daniel IR

<120> Modified carboxypeptidase enzymes and their use

<130> 620-150

<140> US 09/898,461

<141> 2001-07-05

<150> US 60/216,689

<151> 2000-07-07

<160> 21

<170> PatentIn Ver. 2.1

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<212> PRT

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Lys Ile Lys Gly Arg Gly Gly Lys
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<210> 2

<211> 7

<212> PRT

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Lys Glu Tyr Gly Val Arg Asp
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Lys Leu Ala Asp Tyr
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 Gly Ala Gly Lys
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Ala Phe Val Ala Gly Thr Ala Leu Ala Gln Lys Arg Asp Asn Val Leu
 20 25 30

Phe Gln Ala Ala Thr Asp Glu Gln Pro Ala Val Ile Lys Thr Leu Glu
 35 40 45

Lys Leu Val Asn Ile Glu Thr Gly Thr Gly Asp Ala Glu Gly Ile Ala
 50 55 60

Ala Ala Gly Asn Phe Leu Glu Ala Glu Leu Lys Asn Leu Gly Phe Thr
 65 70 75 80

Val Thr Arg Ser Lys Ser Ala Gly Leu Val Val Gly Asp Asn Ile Val
 85 90 95

Gly Lys Ile Lys Gly Arg Gly Gly Lys Asn Leu Leu Leu Met Ser His
 100 105 110

Met Asp Thr Val Tyr Leu Lys Gly Ile Leu Ala Lys Ala Pro Phe Arg
 115 120 125
 Val Glu Gly Asp Lys Ala Tyr Gly Pro Gly Ile Ala Asp Asp Lys Gly
 130 135 140
 Gly Asn Ala Val Ile Leu His Thr Leu Lys Leu Leu Lys Glu Tyr Gly
 145 150 155 160
 Val Arg Asp Tyr Gly Thr Ile Thr Val Leu Phe Asn Thr Asp Glu Glu
 165 170 175
 Lys Gly Ser Phe Gly Ser Arg Asp Leu Ile Gln Glu Glu Ala Lys Leu
 180 185 190
 Ala Asp Tyr Val Leu Ser Phe Glu Pro Thr Ser Ala Gly Asp Glu Lys
 195 200 205
 Leu Ser Leu Gly Thr Ser Gly Ile Ala Tyr Val Gln Val Asn Ile Thr
 210 215 220
 Gly Lys Ala Ser His Ala Gly Ala Ala Pro Glu Leu Gly Val Asn Ala
 225 230 235 240
 Leu Val Glu Ala Ser Asp Leu Val Leu Arg Thr Met Asn Ile Asp Asp
 245 250 255
 Lys Ala Lys Asn Leu Arg Phe Asn Trp Thr Ile Ala Lys Ala Gly Asn
 260 265 270
 Val Ser Asn Ile Ile Pro Ala Ser Ala Thr Leu Asn Ala Asp Val Arg
 275 280 285
 Tyr Ala Arg Asn Glu Asp Phe Asp Ala Ala Met Lys Thr Leu Glu Glu
 290 295 300
 Arg Ala Gln Gln Lys Lys Leu Pro Glu Ala Asp Val Lys Val Ile Val
 305 310 315 320
 Thr Arg Gly Arg Pro Ala Phe Asn Ala Gly Glu Gly Gly Lys Lys Leu
 325 330 335
 Val Asp Lys Ala Val Ala Tyr Tyr Lys Glu Ala Gly Gly Thr Leu Gly
 340 345 350
 Val Glu Glu Arg Thr Gly Gly Gly Thr Asp Ala Ala Tyr Ala Ala Leu
 355 360 365
 Ser Gly Lys Pro Val Ile Glu Ser Leu Gly Leu Pro Gly Phe Gly Tyr
 370 375 380
 His Ser Asp Lys Ala Glu Tyr Val Asp Ile Ser Ala Ile Pro Arg Arg
 385 390 395 400
 Leu Tyr Met Ala Ala Arg Leu Ile Met Asp Leu Gly Ala Gly Lys
 405 410 415

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<220>
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 <213> Artificial Sequence

<220>
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<220>
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Arg Asn Ser Asp Arg
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